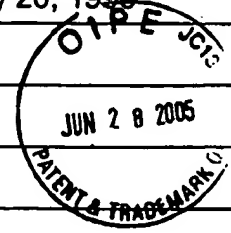


Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>		
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		Filing Date	January 20, 1998	
		First Named Inventor	Mills	
		Group Art Unit	1745	
		Examiner Name	Kalafut	
Sheet	1	12	Attorney Docket Number	




OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	58	<del>R. L. Mills, "Classical Quantum Mechanics," Physics Essays, in press. (Web Publication Date: May 23, 2002.)</del>	<i>Ar</i> <i>Ready</i> <i>of</i> <i>Recall</i>
	60	<del>R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, in press. (Web Publication Date: May 3, 2002.)</del>	
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<i>OK</i>	88	R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, 478, (2005) 77-90. (Web Publication Date: Dec. 22, 2003.)	
	94	<del>R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, in press. (Web Publication Date: Aug. 6, 2003.)</del>	
	96	<del>J. J. Phillips, C. K. Chen, R. L. Mills, "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Catalytic Reactions Between Hydrogen and Oxygen Species," Spectrochimica Acta Part B: Atomic Spectroscopy, submitted. (Web Publication Date: Sept. 12, 2003.)</del>	<i>Ar</i> <i>Ready</i> <i>of</i> <i>Recall</i>
	97	<del>R. L. Mills, P. Ray, B. Dhandapani, "Evidence of an Energy Transfer Reaction Between Atomic Hydrogen and Argon II or Helium II as the Source of Excessively Hot H Atoms in RF Plasmas," Journal of Plasma Physics, in press. (Web Publication Date: Sept. 26, 2003.)</del>	
	98	<del>R. L. Mills, Y. Lu, J. He, M. Nansteel, P. Ray, X. Chen, A. Voigt, B. Dhandapani, "Spectral Identification of New States of Hydrogen," New Journal of Chemistry, submitted. (Web Publication Date: Nov. 18, 2003.)</del>	

Examiner Signature	<i>[Signature]</i>	Date Considered	2/24/06
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	100	<del>R. Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, submitted. (Web Publication Date: Nov. 17, 2003.)</del>	ALREADY RECORDED
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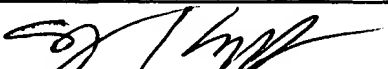
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		Filing Date	January 20, 1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
Examiner Name	Kalafut				
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OK		CRITCHLEY <i>et al.</i> , "Energy shifts and forbidden transitions in H <sub>2</sub> due to electronic g/u symmetry breaking", <i>Molecular Physics</i> , 2003, Vol. 101, Nos. 4-5, pp. 651-661, Taylor & Francis Ltd.	
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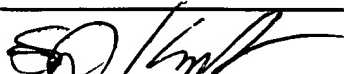
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		First Named Inventor	Mills
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Examiner Name	Kalafut		
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OK		SMITH, "Infrared spectra of BO <sub>2</sub> <sup>-</sup> in the alkali halides-L. Potassium and rubidium halides", <i>Spectrochimica Acta</i> , Vol. 30A, pp. 875-882, Pergamon Press, 1974	
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OK		MILLS <i>et al.</i> , "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source", pp. 1-8, BlackLight Power, Inc.	
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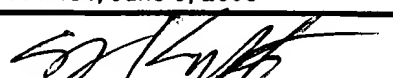
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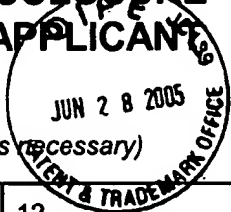
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OK		"Standard Series Barium Tungsten Dispenser Cathodes", HeatWave Labs, Inc., TB-198, July 29, 2002, Spectra-Mat, Inc.	
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OK		JOVICEVIC <i>et al.</i> , "Excessive Balmer line broadcasting in microwave-induced discharges", <i>Journal of Applied Physics</i> , 95:1, pp. 24-29, January 1, 2004, American Institute of Physics	
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		Filing Date	January 20, 1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
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OK		OLTHOFF <i>et al.</i> , "Studies of Ion Kinetic-Energy Distributions in the Gaseous Electronics Conference RF Reference Cell", <i>Journal of Research of the National Institute of Standards and Technology</i> , 100:4, pp. 383-400, July-August 1995	
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OK		ARATA <i>et al.</i> , "Reproducible 'Cold' Fusion Reaction Using a Complex Cathode", <i>Fusion Technology</i> , 22, pp. 287-295, September 1992	
OK		BURKHOLDER <i>et al.</i> , "Reactions of boron atoms with molecular oxygen. Infrared spectra of BO, BO <sub>2</sub> , B <sub>2</sub> O <sub>2</sub> , B <sub>2</sub> O <sub>3</sub> , and BO <sub>2</sub> in solid argon", <i>J. Chem. Phys.</i> , 95:12, pp. 8697-8709, December 15, 1991	
OK		SPURGIN, "Direct Conversion of the Random Thermal Energy of a Plasma Into Electrical Energy", Master's Thesis, The University of South Florida, June 1972	

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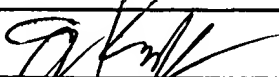
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		<del>Donald A. McQuarrie, "Quantum Chemistry", University Science Books, CA, 1983, relevant parts of Chapters 4, 6, and 8.</del>	NOT FOUND

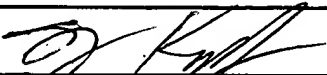
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		<del>N. Cvetanovic, m.M. Kuraica, N. Konjovic, "Excessive Balmer Line Broadening in a Plane Cathode Abnormal Glow Discharge in Hydrogen", J. Appl. Phys. 97, 093302 (2005)</del>	
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OK		Physics 200-04 Course, "Pauli Spin Matrices", < <a href="http://axion.physics.ubc.ca/200-04/paulispin.pdf">http://axion.physics.ubc.ca/200-04/paulispin.pdf</a> >	
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OK		Quantum Physics 301, Paradoxes and Interpretation", < <a href="http://www.teach.phy.bris.ac.uk/Level30100/CourseMaterials/paradoxes.pdf">http://www.teach.phy.bris.ac.uk/Level30100/CourseMaterials/paradoxes.pdf</a> >	
OK		The Internet Encyclopedia of Philosophy, "Logical Positivism", < <a href="http://iep.utm.edu/logpos.htm">http://iep.utm.edu/logpos.htm</a> >	
		<del>H. G. Kuhn, F. R. S., "Atomic Spectra", Longmans, Green &amp; Co., Ltd., London/Harlow 1969 (2<sup>nd</sup> ed.).</del>	NOT FOUND
OK		Anthony J. Marchese, Ph. D., Peter Jansson, Ph. D., P.E., John I. Schmalzel, Ph. D., P.E., "The Blacklight Rocket Engine", NIAC Phase 1 Final Report (May 1-November 30, 2002). <a href="http://www.niac.usra.edu/files/studies/final_report/">www.niac.usra.edu/files/studies/final_report/</a>	
OK		"Average Molecular Kinetic Energy", < <a href="http://hyperphysics.phy-astr.gsu.edu/hbase/kinetic/molke.html">http://hyperphysics.phy-astr.gsu.edu/hbase/kinetic/molke.html</a> >	
OK		"Attempt to Observe Excess Heat in a Ni-H <sub>2</sub> O-K <sub>2</sub> CO <sub>3</sub> Electrolysis System-9OCT97", <a href="http://www.earthtech.org/experiments/Mills/mills1.html">www.earthtech.org/experiments/Mills/mills1.html</a> .	
		<del>Eric Krieg, "Hydrinos: A State Below the Ground State" <a href="http://www.freeenergies.org/bl/bwt/z/hydrino/hydrino.htm">http://www.freeenergies.org/bl/bwt/z/hydrino/hydrino.htm</a></del>	ALREADY OF RECORD
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		<del>Mills, R., "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States," (web publication June 9, 2004 at <a href="http://www.blacklightpower.com">www.blacklightpower.com</a>)</del>	NOT FOUND

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